

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	80	labview and mail	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:24
L2	0	labview same mail	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:42
L3	0	labview and mail with sort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:40
L4	54	1 not mail with e\$1mail	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:24
L5	341	labview and sort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:29
L6	640	labview and flat withsort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:29
L7	3	labview and flat with sort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:29
L8	204	distributed same mail with sort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:41
L9	12	distributed with control\$5 same mail with sort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:41

## EAST Search History

L10	104	labview same industr\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:45
L11	66	labview same industr\$6 same control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:46
L12	0	labview same industr\$6 same control\$5 same legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:45
L13	1	labview same industr\$6 same legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:45
S2	2103	mail adj sort\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:21
S3	8592	discrete with condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 13:22
S4	4191	discrete near7 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 13:23
S5	1	S4 same S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 13:23
S6	3	S4 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 13:24
S7	128	S4 with monitor\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:45

## EAST Search History

S8	15	S4 with interrupt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 11:47
S9	0	S4 with (interrupt\$6 near3 on\$1demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:45
S11	1	S4 with pass\$1through	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 11:47
S12	32	("3744028" "3829842" "4021783" "4172280" "4339794" "4437152" "4490775" "4996688" "5233501" "5947748" "6392557" "6448914" "20020032826").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:45
S13	10	S12 and discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 19:35
S14	4252	discrete near7 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:42
S15	5	S14 with over\$1rid\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 11:46
S17	1097	(discrete or seperate or individual) near3 signal\$3 near7 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:44
S18	305	mail adj sort\$6 adj system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:44
S19	2149	mail adj sort\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:44

## EAST Search History

S20	2	S17 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:04
S21	77	S17 with monitor\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:45
S22	0	S17 with (interrupt\$6 near3 on\$1demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:45
S23	0	S17 with pass\$1through	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:17
S24	15	S17 with interrupt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 11:49
S25	4	S17 with over\$1rid\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:17
S26	3	S25 and "140"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 12:06
S27	20	discrete adj signal adj condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:49
S28	2	"5766027".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 13:57
S29	2	"6832373".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 13:57

## EAST Search History

S30	1	"20050066084".pn. and overrid\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:06
S31	1	"20050066084".pn. and pass\$1through	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:46
S32	1	"20050066084".pn. and over\$1rid\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 12:17
S33	2	"6392557".pn. and over\$1rid\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:08
S34	108	mail near3 sort\$5 with signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 16:45
S35	110	mail near3 sort\$5 with signal\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 17:08
S36	121	mail near3 sort\$5 and signal\$5 near3 condition\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:39
S37	1	mail near3 sort\$5 same signal\$5 near3 condition\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 17:08
S38	4	legacy with control\$5 and mail near3 sort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:40
S39	27	legacy and mail near3 sort\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:41

## EAST Search History

S40	1	"20050066084".pn. and interrupt\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 12:18
S41	6831	circuit with over\$1rid\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:23
S42	708	circuit with pass\$1through	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:23
S43	7	S41 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:20
S44	13700	(function\$4 circuit\$4) with over\$1rid\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:23
S45	1348	(function\$4 circuit\$4) with pass\$1through	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:58
S46	30	S44 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:23
S47	248923	(function\$4 circuit\$4) with monitor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 13:58
S48	116	S47 same legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 14:02
S49	4	(signal adj condition\$5) with legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 14:04

## EAST Search History

S50	25	(signal near3 condition\$5) same legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:06
S51	20	("20030134590"   "4737950"   "4935868"   "5287528"   "5315706"   "5509126"   "5572684"   "5612953"   "5875313"   "5953511"   "6057949"   "6169746"   "6202103"   "6233253"   "6483849"   "6505255"   "6513085"   "6515987"   "6519544"   "6697375").PN. OR ("6831926"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 14:08
S52	305	mail adj sort\$6 adj system	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:07
S53	2149	mail adj sort\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:07
S54	5	S53 with discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:08
S55	17	S53 same discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:09
S56	96	S53 and (distribut\$5 with control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:11
S57	19	S53 same (distribut\$5 with control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:09
S59	1476	710/62-65.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 14:06

## EAST Search History

S60	154	S59 and discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:34
S61	6	S59 and discrete with condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:35
S62	122	S59 and (signal near3 condition\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:52
S63	2	S59 and (signal near3 condition\$5) same legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:35
S64	3	S59 and (signal near3 condition\$5) with discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:53
S65	3	S59 and (signal near3 condition\$5) same discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:53
S66	23	("4500933"   "4586159"   "4897799"   "5034686"   "5036465"   "5036466"   "5129063"   "5229538"   "5377109").PN. OR ("5548510"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:54
S67	9	("4791356"   "5313642"   "5341496"   "5412643"   "5442639"   "5458048"   "5522043").PN. OR ("6304934").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 11:25
S68	58	S59 and over\$1rid\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 11:47
S69	41	S59 and pass\$1through	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 12:05



## EAST Search History

S70	568	S59 and interrupt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 12:18
S71	425	legacy near3 adapt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 14:07
S72	47	S71.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 14:18
S73	0	S71 with discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 14:18
S74	2	S71 same discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 14:19
S75	119	S71 and discrete	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/16 08:42
S76	154238	signal\$5 near3 condition\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:06
S77	174786	distribut\$5 near3 (control\$6 or process\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:06
S78	532	S76 same S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:07
S79	192	S76 with S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:24

## EAST Search History

S80	93	("5299306" "4493002" "5617036" "5926629" "5974492" "6012111" "6058443" "6101560" "5761537" "6018770" "5956680" "5996035" "6115380" "6212075" "6212075" "6246582" "6396844" "6419499" "6794887" "6836810" "6860028" "5844823" "5931729" "6001202" "6042918" "6095910" "6007888" "6128731" "6357003" "5938752" "6038628" "6058215" "6065108" "6119104" "6195466" "6233610" "6363393" "6466699" "6652325" "6658553" "6672905" "6719583" "6792155" "6851040" "5193200" "5268676" "5353409" "4409534" "4429366" "4458117").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:26
S81	49	("5299306" "4493002" "5617036" "5926629" "5974492" "6012111" "6058443" "6101560" "5761537" "6018770" "5956680" "5996035" "6115380" "6212075" "6212075" "6246582" "6396844" "6419499" "6794887" "6836810" "6860028" "5844823" "5931729" "6001202" "6042918" "6095910" "6007888" "6128731" "6357003" "5938752" "6038628" "6058215" "6065108" "6119104" "6195466" "6233610" "6363393" "6466699" "6652325" "6658553" "6672905" "6719583" "6792155" "6851040" "5193200" "5268676" "5353409" "4409534" "4429366" "4458117").pn.	US-PGPUB; USPAT	OR	ON	2005/09/21 13:37
S82	0	"5 to 30 volt"	US-PGPUB; USPAT	OR	ON	2005/09/21 13:37
S83	101	"5" adj "30" adj volt\$5	US-PGPUB; USPAT	OR	ON	2005/09/21 13:37
S84	0	"20050066084".pn. and leagacy adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 16:46
S85	0	"20050066084".pn. and legacy adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 16:46

## EAST Search History

S86	1	"20050066084".pn. and legacy with device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 16:47
S87	0	"20050066084".pn. and generat\$5 with device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 16:47
S88	0	"20050066084".pn. and generat\$5 same device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:24
S89	0	"20050066084".pn. and "610"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:24
S90	0	("2005/0066084").URPN.	USPAT	OR	ON	2006/04/16 17:36
S91	207	fieldbus with signal adj condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:49
S92	213	fieldbus with signal near3 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:50
S93	255	fieldbus same signal near3 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:50
S94	0	legacy with fieldbus same signal near3 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:50
S95	1	legacy same fieldbus same signal near3 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:51

## EAST Search History

S96	237	controller same fieldbus same signal near3 condition\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:51
S97	204	controller same fieldbus same ((signal near3 condition\$6) with control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 19:01
S98	299353	(monitor\$5 or interrupt\$6) and (pass\$1through or (pass adj through) or (over adj ride) or over\$1ride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:56
S99	49	S97 and S98	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:56
S10 0	44501	(monitor\$5 or interrupt\$6) same (pass\$1through or (pass adj through) or (over adj ride) or over\$1ride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 17:56
S10 1	2	S97 and S100	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:01
S10 2	0	senosor near3 (output\$5 or signal\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:01
S10 3	454780	sensor near3 (output\$5 or signal\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:02
S10 4	1548028	control\$5 near3 (output\$5 or signal\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:02
S10 5	49772	((signal near3 condition\$6) with control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:04

## EAST Search History

S10 6	13616	S103 and S104 and S105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:02
S10 7	3377	S103 same S104 same S105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:05
S10 8	1	S107 same legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:03
S10 9	9	S107 and legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:05
S11 0	68	S107 and mail	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:05
S11 1	10181	((signal adj condition\$6) with control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 19:01
S11 2	792	S103 same S104 same S111	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:05
S11 3	37	S112 and mail	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:05
S11 4	0	S112 and legacy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 18:05
S11 5	2215	fieldpoint or labview	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 08:23

## EAST Search History

S11 6	212	S115 same ((signal adj condition\$6) with control\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 20:33
S11 7	0	S115 same ((signal adj condition\$6) with discret\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 20:34
S11 8	242	S115 with distribut\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 22:17
S11 9	240	S118 and (I/O or input with output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 22:23
S12 0	9	("4901221" "4914568" "5291587" "5301301" "5301336").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/16 22:24